



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**Clopay Building Products Company**  
**8585 Duke Boulevard**  
**Mason, OH 45040**

**SCOPE:** This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Residential 2" EPS Classic Steel Sectional Garage Door up to 18'-2" Wide**

**APPROVAL DOCUMENT:** Drawing No. 103028, titled "M/N 4300/01/10; 4400/01; HDG/L; 6200/01/03", sheets 1 of 1, dated 04/02/2004, with revision 07 dated 01/06/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 10-1228.01 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



*[Signature]*  
03/29/2012

NOA No. 12-0125.18  
Expiration Date: March 02, 2016  
Approval Date: April 5, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **103028**, titled "M/N 4300/01/10; 4400/01; HDG/L; 6200/01/03", sheets 1 of 1, dated 04/02/2004, with revision 07 dated 01/06/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

**B. TESTS "*Submitted under NOA # 04-0407.01*"**

1. Test report of uniform static air pressure test per TAS 202 & forced entry resistance test per AAMA 101, on Sectional Garage Door (Insulated) prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-03-1358**, dated 11/19/2003, signed and sealed by Rafael E. Droz-Seda, P.E.
2. Test report of large missile impact test per TAS 201 and cyclic wind pressure test per TAS 203, on Sectional Garage Door (Insulated) prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-03-1359**, dated 11/19/2003, signed and sealed by Rafael E. Droz-Seda, P.E.
3. Test report of tensile test per ASTM E-8 on Galvanized Steel Door Skin (Front-Edge) prepared by Hurricane Engineering & Testing Inc, Report No. **HETI-03-T084**, dated 12/03/2003, signed and sealed by Rafael E. Droz-Seda P.E.

**C. CALCULATIONS: "*Submitted under NOA # 04-0407.01*"**

1. Fastener Attachment Calculations prepared by Clopay Building Products Company, pages 1 and 2, dated 01/26/2005, signed and sealed by Mark Westerfield, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

**E. MATERIAL CERTIFICATIONS "*Submitted under NOA # 05-0405.01*"**

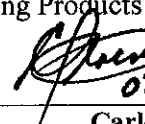
1. Test report of salt spray test per ASTM B117 on galvanized and painted steel panels, prepared by Twin City Testing Corporation, Report No. **30160-04-63365**, dated 01/26/2005, signed and sealed by J. D. Lee P.E.
2. Test report of ignition properties test per ASTM D-1929 on type I EPS, prepared by Intertek Testing Service NA Inc, Report No. **3082959-500**, dated 09/16/05, and signed by C. A. Penaloza.
3. Test report of surface burning characteristics per ASTM E-84 on Type I EPS prepared by Intertek Testing Service NA Inc, Report No. **3082960-500**, dated 10/04/2005, and signed by J. Trevino.

**F. STATEMENTS**

1. Statement letter of code conformance to 2007 and 2010 FBC, dated 01/19/2012, signed and sealed by Scott Hamilton, P.E.

***"Submitted under NOA # 10-1228.01"***

2. Statement letter of no financial interest, issued by Clopay Building Products Company, dated 12/09/2010, signed and sealed by Scott Hamilton, P.E.

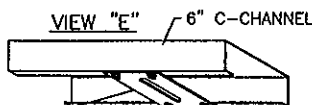
  
03/29/2012

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 12-0125.18

Expiration Date: March 02, 2016  
Approval Date: April 5, 2012

CLOPAY MODELS 4300, 4301, 4310, 4400, 4401, HDG, HDGL  
HOLMES MODELS 66, 66G, 67, 67G, 68, 6200, 6201, 6203

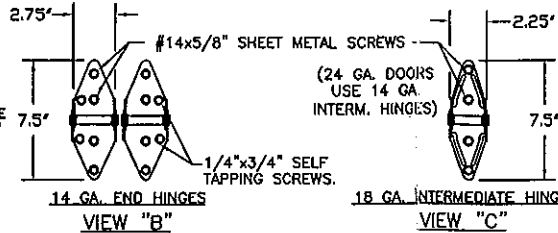
DOOR HEIGHT	# OF SECTIONS
UP TO 7'0"	4
7'3" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'3"	7
12'6" TO 14'0"	8
14'3" TO 15'9"	9
16'0"	10
MAX SECTION HEIGHT: 21"	



AT THE (3) LOCATIONS PER CHANNEL NOTED ON INSIDE ELEVATION BELOW ATTACH THE 6" x 2-1/4" x 12 GA. STEEL REINFORCING PLATE TO THE UNDERSIDE OF THE C-CHANNEL WITH (4) 1/4"x3/4" SELF TAPPING SCREWS.

BACKER SHEET ADDITIONAL FASTENERS: SHEETS ON TOP AND BOTTOM SECTIONS HAVE (2) 1/4" x 3/4" TEK SCREWS LOCATED AT 1-1/2" & 3-1/2" FROM THE TOP EDGE OF TOP SECTION AND FROM THE BOTTOM EDGE OF BOTTOM SECTION.

ATTACH 12 GA. REINFORCING PLATES ON C-CHANNEL AT THESE LOCATIONS ON EACH SECTION. SEE VIEW "E".



#### NOTES:

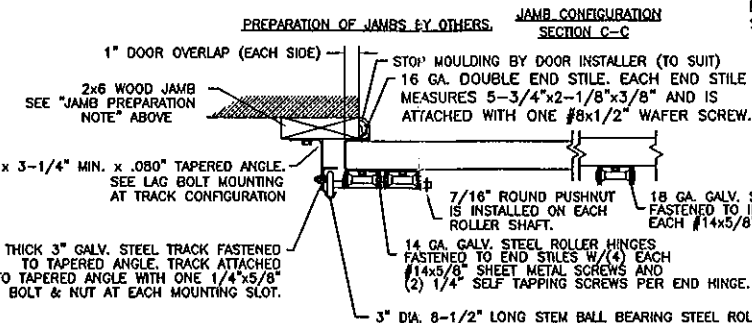
- 1) ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
- 2) ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

#### WOOD FRAME BUILDINGS

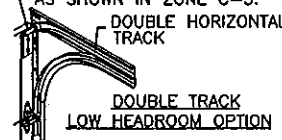
STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED SYP OR BETTER GRADE #2 OR BETTER WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F<sub>b</sub>). STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS. STUD WALLS TO BE DESIGNED BY THE BUILDING ENGINEER OR ARCHITECT OF RECORD.

#### C-90 BLOCK WALL, 2,000 OR 3,000 PSI MIN. CONCRETE

2x6 YELLOW PINE (GRADE #2 OR BETTER) JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH REINFORCING BARS EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER BLOCK WALL OR CONCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE DESIGNED BY THE BUILDING ENGINEER OR ARCHITECT OF RECORD.



LHR BRACKET (2-1/2" x 5-3/4" x 12GA) ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING SCREWS. NOTE THAT LHR BRACKETS ARE ALSO USED AS "INNER BOTTOM BRACKETS" AS SHOWN IN ZONE C-3.

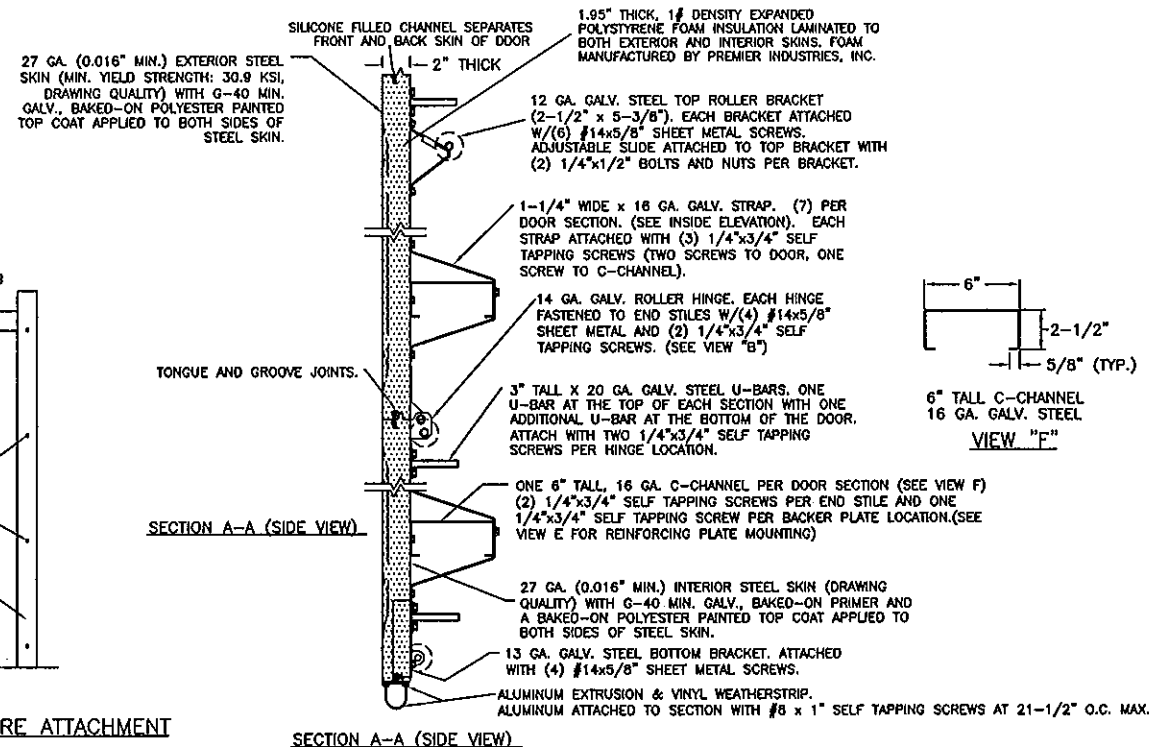


**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No 12-0125-18  
Expiration Date 03/02/2016  
By Miami Made Product Control

Unless Stated Otherwise  
TOLERANCES are  
.0 = ±.031  
.00 = ±.015  
.000 = ±.005  
.0000 = ±.001  
Degrees = ±1/2°  
Unless Stated Otherwise  
DIMENSIONS ARE IN INCHES.

#### REVISIONS

REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
07	-	01/06/12	-	SH	AFFIRMED COMPLIANCE WITH 2010 FBC



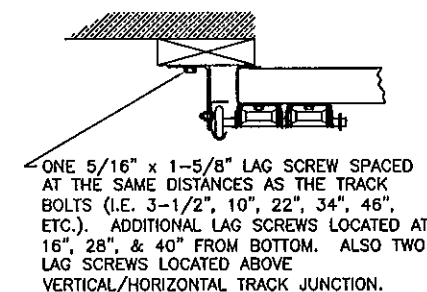
#### JAMB TO SUPPORTING STRUCTURE ATTACHMENT

#### 2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

BUILDING TYPE	FASTENER TYPE **	MAXIMUM * ON CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
C-90 BLOCK	1/4" x 3" (1-1/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	5-1/2"	1" O.D.
3,000 PSI MIN. CONCRETE	1/4" x 4" (1-3/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	16-1/2"	1" O.D.
3,000 PSI MIN. CONCRETE	1/2" x 4" (2-1/4" EMBED) ITW RED HEAD TRUBOLT WEDGE ANCHOR (2" MIN. EDGE DISTANCE)	22-3/4"	INCLUDED
WOOD FRAME	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	13"	1" O.D.
C-90 GROUT-FILLED BLOCK	3/8" x 4" (2-1/2" EMBED) ITW RED HEAD DYNABOLT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	6-1/4"	INCLUDED
2,000 PSI MIN. CONCRETE	1/2" x 4" (2-1/2" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	22-3/4"	INCLUDED

- \* - FIRST ANCHOR/SCREW STARTING FROM BOTTOM AT NO MORE THAN HALF OF MAXIMUM ON CENTER DISTANCE. HIGHEST ANCHOR/SCREW INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING HEIGHT  
\*\* - ANCHORS CAN BE INSTALLED DIRECTLY THROUGH TAPERED TRACK ANGLE IN LIEU OF 5/8" X 1-5/8" LAG SCREWS

NOTE: SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS SHOWN ON THIS DRAWING.



THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2007 AND 2010 FBC.

DESIGN ENGINEER  
SCOTT HAMILTON, P.E.  
FLORIDA LICENSE NO. 63286

DESIGN LOADS: 46 PSF & -50.0 PSF

PART NO.: N/A

CLOPAY WINDLOAD RATING

W8

**Clopay**  
Building Products Company

8585 Duke Boulevard  
Mason, OH 45040 USA  
Tel. No. 513-770-4800  
Fax No. 513-770-4853

DESCRIPTION: M/N 4300/01/10; 4400/01; HDG/L; 6200/01/03

DRAWN BY: RJK

DATE: 01/13/03

SCALE: N/A

DWG. B

CHECKED BY: MWW

DATE: 04/02/04

SHEET 1 OF 1

SIZE

DWG. NO.: 103028

VER: MD